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Geotextile Product Description Sheet
SKAPS GE-180
Nonwoven Geotextile

SKAPS GE-180 is a needle-punched nonwoven geotextile made of 100% polypropylene staple fibers, which are formed into a random network for dimensional stability. SKAPS GE-180 resists ultraviolet deterioration, rotting, biological degradation, naturally encountered basics and acids. Polypropylene is stable within a pH range of 2 to 13. SKAPS GE-180 conforms to the physical property values listed below:

PROPERTY	TEST METHOD	UNIT	M.A.R.V. (Minimum Average Roll Value)
Weight	ASTM D 5261	oz/yd ² (g/m ²)	8.0 (271)
Grab Tensile	ASTM D 4632	lbs (kN)	225 (1.0)
Grab Elongation	ASTM D 4632	%	50
Trapezoid Tear Strength	ASTM D 4533	lbs (kN)	90 (0.4)
Thickness*	ASTM D 5199	mils (mm)	100 (2.5)
CBR Puncture Resistance	ASTM D 6241	lbs (kN)	600 (2.67)
Permittivity*	ASTM D 4491	sec ⁻¹	1.26
Permeability*	ASTM D 4491	cm/sec	0.3
Water Flow*	ASTM D 4491	gpm/ft ² (l/min/m ²)	100 (4074)
AOS	ASTM D 4751	US Sieve (mm)	80 (0.18)
UV Resistance	ASTM D 4355	%/hrs	70/500

PACKAGING	
Roll Dimensions (W x L) – ft	15 x 690
Square Yards Per Roll	1150
Estimated Roll Weight – lbs	620

* At the time of manufacturing. Handling may change these properties.

This information is provided for reference purposes only and is not intended as a warranty or guarantee. SKAPS assumes no liability in connection with the use of this information.

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Made in U.S.A.